

# Hard Disk Drive

Product name: Z77A-GD80  
 BIOS ver.: 1.1

## S-ATA Hard Disk

### SATA1-6

### SATAII (3.0Gps)

Model			Capacity	Speed	Result
HITACHI	7K2000	HDS722020ALA330	2TB	UDMA6	OK
	7K1000	HDS721050CLA362	500GB	UDMA6	OK
		HDS721010CLA332	1TB	UDMA6	OK
Samsung	Spinpoint F3	HD203WI	2TB	UDMA6	OK
	Spinpoint F4EG	HD204UI	2TB	UDMA6	OK
Seagate	Barracuda 7200.12	ST31000528AS	1TB	UDMA6	OK
		ST32000540AS	2TB	UDMA6	OK
WD	Caviar Green	WD10EARS	1TB	UDMA6	OK
		WD20EARS	2TB	UDMA6	OK
Seagate	Momentum XT	ST95005620AS	500GB	UDMA6	OK
ADATA		NOBILITY N004	64GB	UDMA6	OK
Intel	X25M	SSDSA2M080G2GC	80GB	UDMA6	OK
	320 Series	SSDSA2CW160G3	160GB	UDMA6	OK
Patriot	Inferno	PI60GS25SSDR	60GB	UDMA6	OK
OCZ	VERTEX 2	OCZSSD2-2VTX40G	40GB	UDMA6	OK
Kingston	SSDnow V100	SV100S2/128G	128GB	UDMA5	OK
	SSDnow 100V+	SVP100S2/128G	128GB	UDMA5	OK
Pqi		S525	32GB	UDMA6	OK
Samsung	470 Series	MZ-5PA256	256GB	UDMA6	OK
		MZ-5PA128	128GB	UDMA6	OK

Connector	BIOS/POST1/POST2	OS Mode	Device Manager Size	Copy File	Shutdown x3	Result
SATA 4	OK	UDMA 6	1863.02GB	OK	OK	OK
SATA 3	OK	UDMA6	465.76GB	OK	OK	OK
SATA4	OK	UDMA6	931.51GB	OK	OK	OK
SATA1	OK	UDMA6	1863.02GB	OK	OK	OK
SATA3	OK	UDMA6	1863.02GB	OK	OK	OK
SATA2	OK	UDMA6	931.51GB	OK	OK	OK
SATA1	OK	UDMA6	1863.02GB	OK	OK	OK
SATA4	OK	UDMA6	931.51GB	OK	OK	OK
SATA3	OK	UDMA6	1863.02GB	OK	OK	OK
SATA4	OK	UDMA6	465.76GB	OK	OK	OK
SATA1	OK	UDMA6	59.63GB	OK	OK	OK
SATA2	OK	UDMA6	74.53GB	OK	OK	OK
SATA1	OK	UDMA6	149.05GB	OK	OK	OK
SATA6	OK	UDMA6	55.90GB	OK	OK	OK
SATA5	OK	UDMA6	37.27GB	OK	OK	OK
SATA5	OK	UDMA5	119.24GB	OK	OK	OK
SATA6	OK	UDMA5	119.24GB	OK	OK	OK
SATA2	OK	UDMA6	29.31GB	OK	OK	OK
SATA6	OK	UDMA6	238.47GB	OK	OK	OK
SATA3	OK	UDMA6	119.24GB	OK	OK	OK

**SATA3 (6.0Gps)**

Model			Capacity	Speed	Result
Sasmuna	SSD 830 Series	S0XYNFAC710781	128GB	UDMA6	OK
	SSD 830 Series	S0XZNEAC733103	256GB	UDMA6	OK
Hitachi	7K1000D	HDS721010DLE630	1TB	UDMA6	OK
	7k3000	HDS723030ALA640	3TB	UDMA6	OK
	7K4000	HDS724040ALE640	4TB	UDMA6	OK
Seagate	Barracuda Green	ST1500DL003	1.5TB	UDMA6	OK
		ST2000DL003	2TB	UDMA6	OK
	Barracuda XT	ST32000641AS	2TB	UDMA6	OK
		ST33000651AS	3TB	UDMA6	OK
	Barracuda	ST3000DM001	3TB	UDMA6	OK
	Momentus® XT	ST750LX003	750GB	UDMA6	OK
WD	Caviar Black	WD1002FAEX	1TB	UDMA6	OK
	Caviar Blue	WD5000AAKX	500GB	UDMA6	OK
		WD10EALX	1TB	UDMA6	OK
	Caviar Green	WD20EARX	2TB	UDMA6	OK
		WD30EZR	3TB	UDMA6	OK
	VelociRaptor	WD6000HLHX	600GB	UDMA6	OK
VR333M 10K	WD1000DHTX-04RLR	1TB	UDMA6	OK	
CORSAIR	FORCE GT	CSSD-F180GBGT-BK	180GB	UDMA6	OK
	Performance pro	CSSD-P256GBP-BK	256GB	UDMA6	OK
Crucial	RealSSD	C300	64GB	UDMA5	OK
	M4	CT256M4SSD2	256GB	UDMA5	OK
ezlink	Achilles	EZSSD3 MLC 240GB	240GB	UDMA6	OK
Plextor		PX-64M2S-04	64GB	UDMA6	OK
Intel	510 Series	SSDSC2MH120A2	120GB	UDMA6	OK
Intel	520 Series	SSDSC2CW240A3	240GB	UDMA6	OK
OCZ	Aqility3	AGT3-25SAT3-60G	60GB	UDMA6	OK
	Vertex3	VTX3MI-25SAT3-120G	120GB	UDMA6	OK
	Vertex3	VTX3-25SAT3-120G	120GB	UDMA6	OK
	Vertex4	VTX4-25SAT3-256G	256GB	UDMA6	OK
	Synapse	SYN-25SAT3-64G	64GB	UDMA6	OK
	Synapse	SYN-25SAT3-128G	128GB	UDMA6	OK
ADATA	500 Series	S511	240GB	UDMA6	OK
	XPG SX900	ASX900S3-512GM	512GB	UDMA6	OK
Kingston	HyperX	SH100S3/240G	240GB	UDMA6	OK
	SSDnow 200V	SV200S3/256G	256GB	UDMA5	OK
	SSDnow 200V+	SVP200S3/240G	240GB	UDMA6	OK
Patriot	wildfire	PW120GS25SSDR	120GB	UDMA6	OK
	Pyro	PP60GS25SSDR	60GB	UDMA6	OK
Plextor		PX-256M3P	256GB	UDMA6	OK
Transcend	SSD720	TS256GSSD720	256GB	UDMA6	OK

Connector	BIOS/POST1/POST2	OS Mode	Device Manager Size	Copy File	Shutdown x3	Result
SATA2	OK	UDMA6	931.51GB	OK	OK	OK
SATA1	OK	UDMA6	2794.39GB	OK	OK	OK
SATA1	OK	UDMA6	3725.90GB	OK	OK	OK
SATA1	OK	UDMA6	1397.26GB	OK	OK	OK
SATA1	OK	UDMA6	1863.02GB	OK	OK	OK
SATA2	OK	UDMA6	1863.02GB	OK	OK	OK
SATA1	OK	UDMA6	2794.39GB	OK	OK	OK
SATA2	OK	UDMA6	2794.39GB	OK	OK	OK
SATA1	OK	UDMA6	698.64 GB	OK	OK	OK
SATA1	OK	UDMA6	931.51 GB	OK	OK	OK

SATA2	OK	UDMA6	465.76 GB	OK	OK	OK
SATA1	OK	UDMA6	931.51 GB	OK	OK	OK
SATA2	OK	UDMA6	1863.02 GB	OK	OK	OK
SATA2	OK	UDMA6	2794.39 GB	OK	OK	OK
SATA1	OK	UDMA6	558.91 GB	OK	OK	OK
SATA2	OK	UDMA6	931.51 GB	OK	OK	OK
SATA2	OK	UDMA6	167.68 GB	OK	OK	OK
SATA1	OK	UDMA6	238.47 GB	OK	OK	OK
SATA2	OK	UDMA5	59.63 GB	OK	OK	OK
SATA2	OK	UDMA5	238.47 GB	OK	OK	OK
SATA1	OK	UDMA6	223.57 GB	OK	OK	OK
SATA2	OK	UDMA6	59.63 GB	OK	OK	OK
SATA2	OK	UDMA6	111.79 GB	OK	OK	OK
SATA1	OK	UDMA6	223.57 GB	OK	OK	OK
SATA1	OK	UDMA6	55.90 GB	OK	OK	OK
SATA2	OK	UDMA6	111.67 GB	OK	OK	OK
SATA1	OK	UDMA6	111.79 GB	OK	OK	OK
SATA1	OK	UDMA6	238.47 GB	OK	OK	OK
SATA1	OK	UDMA6	29.82 GB	OK	OK	OK
SATA2	OK	UDMA6	59.63 GB	OK	OK	OK
SATA1	OK	UDMA6	223.57 GB	OK	OK	OK
SATA2	OK	UDMA6	476.81 GB	OK	OK	OK
SATA1	OK	UDMA6	223.57 GB	OK	OK	OK
SATA2	OK	UDMA5	238.47 GB	OK	OK	OK
SATA2	OK	UDMA6	223.57 GB	OK	OK	OK
SATA2	OK	UDMA6	111.79 GB	OK	OK	OK
SATA1	OK	UDMA6	55.90 GB	OK	OK	OK
SATA2	OK	UDMA6	238.47 GB	OK	OK	OK
SATA1	OK	UDMA6	238.47 GB	OK	OK	OK

## SATA7-8

### SATAII (3.0Gps)

Model			Capacity	Speed	Result
HITACHI	7K2000	HDS722020ALA330	2TB	UDMA6	OK
	7K1000	HDS721050CLA362	500GB	UDMA6	OK
		HDS721010CLA332	1TB	UDMA6	OK
Samsung	Spinpoint F3	HD203WI	2TB	UDMA6	OK
	Spinpoint F4EG	HD204UI	2TB	UDMA6	OK
Seagate	Barracuda 7200.12	ST31000528AS	1TB	UDMA6	OK
		ST32000540AS	2TB	UDMA6	OK
WD	Caviar Green	WD10EARS	1TB	UDMA6	OK
		WD20EARS	2TB	UDMA6	OK
Seagate	Momentus XT	ST95005620AS	500GB	UDMA6	OK
ADATA		NOBILITY N004	64GB	UDMA6	OK
Intel	X25M	SSDSA2M080G2GC	80GB	UDMA6	OK
	320 Series	SSDSA2CW160G3	160GB	UDMA6	OK
Patriot	Inferno	PI60GS25SSDR	60GB	UDMA6	OK
OCZ	VERTEX 2	OCZSSD2-2VTX40G	40GB	UDMA6	OK
Kingston	SSDnow V100	SV100S2/128G	128GB	UDMA5	OK
	SSDnow 100V+	SVP100S2/128G	128GB	UDMA5	OK
Pqi		S525	32GB	UDMA6	OK
Samsung	470 Series	MZ-5PA256	256GB	UDMA6	OK
		MZ-5PA128	128GB	UDMA6	OK

Connector	BIOS/POST1/POST2	OS Mode	Device Manager Size	Copy File	Shutdown x3	Result
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SATA8	OK	UDMA 6	1863.02GB	OK	OK	OK
SATA7	OK	UDMA6	465.76GB	OK	OK	OK
SATA8	OK	UDMA6	931.51GB	OK	OK	OK
SATA7	OK	UDMA6	1863.02GB	OK	OK	OK
SATA8	OK	UDMA6	1863.02GB	OK	OK	OK
SATA8	OK	UDMA6	931.51GB	OK	OK	OK
SATA7	OK	UDMA6	1863.02GB	OK	OK	OK
SATA8	OK	UDMA6	931.51GB	OK	OK	OK
SATA7	OK	UDMA6	1863.02GB	OK	OK	OK
SATA7	OK	UDMA6	465.76GB	OK	OK	OK
SATA8	OK	UDMA6	59.63GB	OK	OK	OK
SATA8	OK	UDMA6	74.53GB	OK	OK	OK
SATA8	OK	UDMA6	149.05GB	OK	OK	OK
SATA7	OK	UDMA6	55.90GB	OK	OK	OK
SATA7	OK	UDMA6	37.27GB	OK	OK	OK
SATA7	OK	UDMA5	119.24GB	OK	OK	OK
SATA8	OK	UDMA5	119.24GB	OK	OK	OK
SATA8	OK	UDMA6	29.31GB	OK	OK	OK
SATA7	OK	UDMA6	238.47GB	OK	OK	OK
SATA8	OK	UDMA6	119.24GB	OK	OK	OK

### SATA3 (6.0Gps)

Model		Capacity	Speed	Result	
Hitachi	7K1000D	HDS721010DLF630	1TB	UDMA6	OK
	7k3000	HDS723030ALA640	3TB	UDMA6	OK
	7K4000	HDS724040ALE640	4TB	UDMA6	OK
Seagate	Barracuda Green	ST1500DL003	1.5TB	UDMA6	OK
		ST2000DL003	2TB	UDMA6	OK
	Barracuda XT	ST32000641AS	2TB	UDMA6	OK
		ST33000651AS	3TB	UDMA6	OK
	Barracuda	ST3000DM001	3TB	UDMA6	OK
Momentus® XT	ST750LX003	750GB	UDMA6	OK	
WD	Caviar Black	WD1002FAEX	1TB	UDMA6	OK
	Caviar Blue	WD5000AAKX	500GB	UDMA6	OK
		WD10EALX	1TB	UDMA6	OK
	Caviar Green	WD20EARX	2TB	UDMA6	OK
		WD30EZR	3TB	UDMA6	OK
	VelociRaptor	WD6000HLHX	600GB	UDMA6	OK
VR333M 10K	WD1000DHTX-04RLR	1TB	UDMA6	OK	
CORSAIR	FORCE GT	CSSD-F180GBGT-BK	180GB	UDMA6	OK
	Performance pro	CSSD-P256GBP-BK	256GB	UDMA6	OK
Crucial	RealSSD	C300	64GB	UDMA5	OK
	M4	CT256M4SSD2	256GB	UDMA5	OK
ezlink	Achilles	EZSSD3 MLC 240GB	240GB	UDMA6	OK
Plextor		PX-64M2S-04	64GB	UDMA6	OK
Intel	510 Series	SSDSC2MH120A2	120GB	UDMA6	OK
Intel	520 Series	SSDSC2CW240A3	240GB	UDMA6	OK
OCZ	Aqility3	AGT3-25SAT3-60G	60GB	UDMA6	OK
	Vertex3	VTX3MI-25SAT3-120G	120GB	UDMA6	OK
	Vertex3	VTX3-25SAT3-120G	120GB	UDMA6	OK
	Vertex4	VTX4-25SAT3-256G	256GB	UDMA6	OK
	Synapse	SYN-25SAT3-64G	64GB	UDMA6	OK
	Synapse	SYN-25SAT3-128G	128GB	UDMA6	OK
ADATA	500 Series	S511	240GB	UDMA6	OK
	XPG SX900	ASX900S3-512GM	512GB	UDMA6	OK
Kingston	HyperX	SH100S3/240G	240GB	UDMA6	OK

	SSDnow 200V	SV200S3/256G	256GB	UDMA5	OK
	SSDnow 200V+	SVP200S3/240G	240GB	UDMA6	OK
Patriot	wildfire	PW120GS25SSDR	120GB	UDMA6	OK
	Pyro	PP60GS25SSDR	60GB	UDMA6	OK
Plextor		PX-256M3P	256GB	UDMA6	OK
Transcend	SSD720	TS256GSSD720	256GB	UDMA6	OK

Connector	BIOS/POST1/POST2	OS Mode	Device Manager Size	Copy File	Shutdown x3	Result
SATA8	OK	UDMA6	931.51GB	OK	OK	OK
SATA7	OK	UDMA6	2794.39GB	OK	OK	OK
SATA7	OK	UDMA6	3725.90GB	OK	OK	OK
SATA7	OK	UDMA6	1397.26GB	OK	OK	OK
SATA7	OK	UDMA6	1863.02GB	OK	OK	OK
SATA8	OK	UDMA6	1863.02GB	OK	OK	OK
SATA8	OK	UDMA6	2794.39GB	OK	OK	OK
SATA8	OK	UDMA6	2794.39GB	OK	OK	OK
SATA8	OK	UDMA6	698.64 GB	OK	OK	OK
SATA7	OK	UDMA6	931.51 GB	OK	OK	OK
SATA8	OK	UDMA6	465.76 GB	OK	OK	OK
SATA8	OK	UDMA6	931.51 GB	OK	OK	OK
SATA8	OK	UDMA6	1863.02 GB	OK	OK	OK
SATA8	OK	UDMA6	2794.39 GB	OK	OK	OK
SATA8	OK	UDMA6	558.91 GB	OK	OK	OK
SATA7	OK	UDMA6	931.51 GB	OK	OK	OK
SATA8	OK	UDMA6	167.68 GB	OK	OK	OK
SATA7	OK	UDMA6	238.47 GB	OK	OK	OK
SATA8	OK	UDMA5	59.63 GB	OK	OK	OK
SATA7	OK	UDMA5	238.47 GB	OK	OK	OK
SATA8	OK	UDMA6	223.57 GB	OK	OK	OK
SATA7	OK	UDMA6	59.63 GB	OK	OK	OK
SATA8	OK	UDMA6	111.79 GB	OK	OK	OK
SATA8	OK	UDMA6	223.57 GB	OK	OK	OK
SATA8	OK	UDMA6	55.90 GB	OK	OK	OK
SATA7	OK	UDMA6	111.67 GB	OK	OK	OK
SATA8	OK	UDMA6	111.79 GB	OK	OK	OK
SATA8	OK	UDMA6	238.47 GB	OK	OK	OK
SATA7	OK	UDMA6	29.82 GB	OK	OK	OK
SATA7	OK	UDMA6	59.63 GB	OK	OK	OK
SATA8	OK	UDMA6	223.57 GB	OK	OK	OK
SATA7	OK	UDMA6	476.81 GB	OK	OK	OK
SATA8	OK	UDMA6	223.57 GB	OK	OK	OK
SATA7	OK	UDMA5	238.47 GB	OK	OK	OK
SATA8	OK	UDMA6	223.57 GB	OK	OK	OK
SATA7	OK	UDMA6	111.79 GB	OK	OK	OK
SATA7	OK	UDMA6	55.90 GB	OK	OK	OK
SATA7	OK	UDMA6	238.47 GB	OK	OK	OK
SATA8	OK	UDMA6	238.47 GB	OK	OK	OK

### PCI Express SSD

	Model	Capacity	Type	Result	
	RevoDrive 3	RVD3-FHPX4-120G	120GB	PCI-Ex4 : Gen2	OK
	RevoDrive 3X2	RVD3X2-FHPX4-240G	240GB	PCI-Ex4 : Gen2	OK
	RevoDrive 3X2	RVD3MIX2-FHPX4-240G	240GB	PCI-Ex4 : Gen2	OK
	RevoDrive Hybrid	RVDHY-FH-1T	1TB	PCI-Ex4 : Gen2	OK

	VeloDrive	VDC-HHPX8-160G	160GB	PCI-Ex8 ; Gen2	OK
PhotoFast	GM-PowerDrive-LSI	GM3-PDLP24M	240GB	PCI-E x8 ; Gen2	OK

Connector	BIOS	OS install size	Link Speed / Bandwidth	Device Manager size	Copy File	Shutdown 3x	Result
PCI-E2	OK	111.8GB	5.0GT/S X4	111.80GB	OK	OK	OK
PCI-E2	OK	223.6GB	5.0GT/S X4	223.60GB	OK	OK	OK
PCI-E2	OK	223.6GB	5.0GT/S X4	223.60GB	OK	OK	OK
PCI-E2	OK	1024.7GB	5.0GT/S X4	1024.68GB	OK	OK	OK
PCI-E2	OK	145.3GB	5.0GT/S X8	145.28GB	OK	OK	OK
PCI-E2	OK	55.4GB	5.0GT/S X8	55.37GB	OK	OK	OK